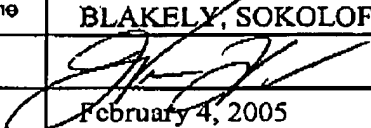
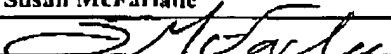


TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application No.	09/470,100
		Filing Date	December 21, 1999
		First Named Inventor	Yumiko Minakawa
		Art Unit	2614
		Examiner Name	James R. Sheleheda
Total Number of Pages in This Submission	12	Attorney Docket Number	80398P274

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; height: 60px; width: 100%;"></div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	William W. Schaal, Reg. No. 39,018 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	February 4, 2005

CERTIFICATE OF MAILING/TRANSMISSION			
I hereby certify that this correspondence is being transmitted via facsimile on the date shown below to the United States Patent and Trademark Office.			
Typed or printed name	Susan McFarlane		
Signature		Date	February 4, 2005

Based on PTO/SB/21 (04-04) as modified by Blakely, Sokoloff, Taylor & Zafman (wtr) 03/04/2004
SEND TO: Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450

FEE TRANSMITTAL for FY 2005 <i>Patent fees are subject to annual revision.</i>		Complete if Known	
		Application Number	09/470,100
		Filing Date	December 21, 1999
		First Named Inventor	Yumiko Minakawa
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		Examiner Name	James R. Sheleheda
TOTAL AMOUNT OF PAYMENT		Art Unit	2614
(\$)	0.00	Attorney Docket No.	80398P274

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)


☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s) ☒ Credit any overpayments

under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

FEE CALCULATION																																																																																																																									
1. EXTRA CLAIM FEES																																																																																																																									
Total Claims	<div>18</div>	- 2f*	=	<div>0</div>	x	<div>50.00</div>	=	<div>\$0.00</div>																																																																																																																	
Independent Claims	<div>5</div>	- 6"	=	<div>0</div>	x	<div>200.00</div>	=	<div>\$0.00</div>																																																																																																																	
Multiple Dependent							=																																																																																																																		
<table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr> <td>1202</td> <td>50</td> <td>2202</td> <td>25</td> <td>Claims in excess of 20</td> </tr> <tr> <td>1201</td> <td>200</td> <td>2201</td> <td>100</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>1203</td> <td>300</td> <td>2203</td> <td>180</td> <td>Multiple Dependent claim, if not paid</td> </tr> <tr> <td>1204</td> <td>300</td> <td>2204</td> <td>150</td> <td>**Reissue independent claims over original patent</td> </tr> <tr> <td>1205</td> <td>300</td> <td>2205</td> <td>150</td> <td>**Reissue claims in excess of 20 and over original patent</td> </tr> </tbody> </table>										Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	1202	50	2202	25	Claims in excess of 20	1201	200	2201	100	Independent claims in excess of 3	1203	300	2203	180	Multiple Dependent claim, if not paid	1204	300	2204	150	**Reissue independent claims over original patent	1205	300	2205	150	**Reissue claims in excess of 20 and over original patent																																																																																		
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description																																																																																																																					
1202	50	2202	25	Claims in excess of 20																																																																																																																					
1201	200	2201	100	Independent claims in excess of 3																																																																																																																					
1203	300	2203	180	Multiple Dependent claim, if not paid																																																																																																																					
1204	300	2204	150	**Reissue independent claims over original patent																																																																																																																					
1205	300	2205	150	**Reissue claims in excess of 20 and over original patent																																																																																																																					
SUBTOTAL (1)					(S)	<div>0.00</div>																																																																																																																			
2. ADDITIONAL FEES																																																																																																																									
<table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>85</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>2053</td> <td>130</td> <td>2053</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>1251</td> <td>120</td> <td>2251</td> <td>00</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252</td> <td>450</td> <td>2252</td> <td>225</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1253</td> <td>1,020</td> <td>2253</td> <td>510</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254</td> <td>1,690</td> <td>2254</td> <td>795</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255</td> <td>2,160</td> <td>2255</td> <td>1,080</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401</td> <td>500</td> <td>2401</td> <td>250</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>500</td> <td>2402</td> <td>250</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>1,000</td> <td>2403</td> <td>500</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>2451</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>1460</td> <td>130</td> <td>2460</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807</td> <td>50</td> <td>Processing fee under 37 CFR 1.17(q)</td> <td></td> </tr> <tr> <td>1810</td> <td>180</td> <td>1808</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>1809</td> <td>710</td> <td>1809</td> <td>385</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td></td> </tr> <tr> <td>1810</td> <td>710</td> <td>2810</td> <td>385</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> <td></td> </tr> </tbody> </table>										Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	130	2051	85	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		2053	130	2053	130	Non-English specification		1251	120	2251	00	Extension for reply within first month		1252	450	2252	225	Extension for reply within second month		1253	1,020	2253	510	Extension for reply within third month		1254	1,690	2254	795	Extension for reply within fourth month		1255	2,160	2255	1,080	Extension for reply within fifth month		1401	500	2401	250	Notice of Appeal		1402	500	2402	250	Filing a brief in support of an appeal		1403	1,000	2403	500	Request for oral hearing		1451	1,510	2451	1,510	Petition to institute a public use proceeding		1460	130	2460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		1810	180	1808	180	Submission of Information Disclosure Stmt		1809	710	1809	385	Filing a submission after final rejection (37 CFR § 1.129(a))		1810	710	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																				
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																						
1051	130	2051	85	Surcharge - late filing fee or oath																																																																																																																					
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																					
2053	130	2053	130	Non-English specification																																																																																																																					
1251	120	2251	00	Extension for reply within first month																																																																																																																					
1252	450	2252	225	Extension for reply within second month																																																																																																																					
1253	1,020	2253	510	Extension for reply within third month																																																																																																																					
1254	1,690	2254	795	Extension for reply within fourth month																																																																																																																					
1255	2,160	2255	1,080	Extension for reply within fifth month																																																																																																																					
1401	500	2401	250	Notice of Appeal																																																																																																																					
1402	500	2402	250	Filing a brief in support of an appeal																																																																																																																					
1403	1,000	2403	500	Request for oral hearing																																																																																																																					
1451	1,510	2451	1,510	Petition to institute a public use proceeding																																																																																																																					
1460	130	2460	130	Petitions to the Commissioner																																																																																																																					
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																					
1810	180	1808	180	Submission of Information Disclosure Stmt																																																																																																																					
1809	710	1809	385	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																					
1810	710	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																					
Other fee (specify) _____					(S)																																																																																																																				
SUBTOTAL (2)					(S)																																																																																																																				

*or number previously paid, if greater, For Reissues, see below

SUBMITTED BY					Complete (if applicable)	
Name (Print/Type)	William W. School	Registration No. (Volunteer/Agent)	39,018	Telephone	(714) 557-3800	
Signature				Date	02/04/05	

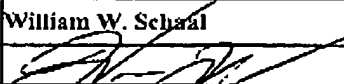
Based on PTO/SB/17 (12-04) as modified by Bickley, Sokoloff, Taylor & Zafman (wr) 12/15/2004
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

FEE TRANSMITTAL for FY 2005		<i>Complete if Known</i>	
<small>Patent fees are subject to annual revision.</small>		Application Number	09/470,100
		Filing Date	December 21, 1999
		First Named Inventor	Yumiko Minakawa
		Examiner Name	James R. Sheleheda
		Art Unit	2614
		Attorney Docket No.	80398P274
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.			
TOTAL AMOUNT OF PAYMENT	(\$)	0.00	

METHOD OF PAYMENT (check all that apply)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: <u>02-2666</u> Deposit Account Name: <u>Blakely, Sokoloff, Taylor & Zafman LLP</u>	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee	
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. <input checked="" type="checkbox"/> Credit any overpayments	

FEE CALCULATION																																																																																																																															
1. EXTRA CLAIM FEES																																																																																																																															
Total Claims	18	2f*	0	x	50.00	=	0.00																																																																																																																								
Independent Claims	5	6*	0	x	200.00	=	0.00																																																																																																																								
Multiple Dependent																																																																																																																															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr> <td>1202</td> <td>2202</td> <td>50</td> <td>25</td> <td>Claims in excess of 20</td> </tr> <tr> <td>1201</td> <td>2201</td> <td>200</td> <td>100</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>1203</td> <td>2203</td> <td>300</td> <td>150</td> <td>Multiple Dependent claim, if not paid</td> </tr> <tr> <td>1204</td> <td>2204</td> <td>300</td> <td>150</td> <td>**Rescued independent claims over original patent</td> </tr> <tr> <td>1205</td> <td>2205</td> <td>300</td> <td>150</td> <td>**Rescued claims in excess of 20 and over original patent</td> </tr> </tbody> </table>					Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	1202	2202	50	25	Claims in excess of 20	1201	2201	200	100	Independent claims in excess of 3	1203	2203	300	150	Multiple Dependent claim, if not paid	1204	2204	300	150	**Rescued independent claims over original patent	1205	2205	300	150	**Rescued claims in excess of 20 and over original patent																																																																																													
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description																																																																																																																											
1202	2202	50	25	Claims in excess of 20																																																																																																																											
1201	2201	200	100	Independent claims in excess of 3																																																																																																																											
1203	2203	300	150	Multiple Dependent claim, if not paid																																																																																																																											
1204	2204	300	150	**Rescued independent claims over original patent																																																																																																																											
1205	2205	300	150	**Rescued claims in excess of 20 and over original patent																																																																																																																											
SUBTOTAL (1) (\$) 0.00																																																																																																																															
2. ADDITIONAL FEES																																																																																																																															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>1061</td> <td>130</td> <td>2061</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>1062</td> <td>50</td> <td>2062</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>2053</td> <td>130</td> <td>2053</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>1251</td> <td>120</td> <td>2251</td> <td>60</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252</td> <td>450</td> <td>2252</td> <td>225</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1253</td> <td>1,020</td> <td>2253</td> <td>510</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254</td> <td>1,580</td> <td>2254</td> <td>785</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255</td> <td>2,160</td> <td>2255</td> <td>1,080</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401</td> <td>500</td> <td>2401</td> <td>250</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>500</td> <td>2402</td> <td>250</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>1,000</td> <td>2403</td> <td>500</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>2451</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>1480</td> <td>130</td> <td>2480</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807</td> <td>50</td> <td>Processing fee under 37 CFR 1.17(c)</td> <td></td> </tr> <tr> <td>1808</td> <td>180</td> <td>1808</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>1809</td> <td>790</td> <td>1809</td> <td>395</td> <td>Filing a submission after final rejection (37 CFR § 1.128(a))</td> <td></td> </tr> <tr> <td>1810</td> <td>700</td> <td>2810</td> <td>395</td> <td>For each additional invention to be examined (37 CFR § 1.128(b))</td> <td></td> </tr> <tr> <td colspan="5">Other fee (specify) _____</td> <td></td> </tr> <tr> <td colspan="5"> SUBTOTAL (2) (\$) </td> </tr> </tbody></table>					Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1061	130	2061	65	Surcharge - late filing fee or oath		1062	50	2062	25	Surcharge - late provisional filing fee or cover sheet		2053	130	2053	130	Non-English specification		1251	120	2251	60	Extension for reply within first month		1252	450	2252	225	Extension for reply within second month		1253	1,020	2253	510	Extension for reply within third month		1254	1,580	2254	785	Extension for reply within fourth month		1255	2,160	2255	1,080	Extension for reply within fifth month		1401	500	2401	250	Notice of Appeal		1402	500	2402	250	Filing a brief in support of an appeal		1403	1,000	2403	500	Request for oral hearing		1451	1,510	2451	1,510	Petition to institute a public use proceeding		1480	130	2480	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(c)		1808	180	1808	180	Submission of Information Disclosure Stmt		1809	790	1809	395	Filing a submission after final rejection (37 CFR § 1.128(a))		1810	700	2810	395	For each additional invention to be examined (37 CFR § 1.128(b))		Other fee (specify) _____						SUBTOTAL (2) (\$)				
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																										
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																												
1061	130	2061	65	Surcharge - late filing fee or oath																																																																																																																											
1062	50	2062	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																											
2053	130	2053	130	Non-English specification																																																																																																																											
1251	120	2251	60	Extension for reply within first month																																																																																																																											
1252	450	2252	225	Extension for reply within second month																																																																																																																											
1253	1,020	2253	510	Extension for reply within third month																																																																																																																											
1254	1,580	2254	785	Extension for reply within fourth month																																																																																																																											
1255	2,160	2255	1,080	Extension for reply within fifth month																																																																																																																											
1401	500	2401	250	Notice of Appeal																																																																																																																											
1402	500	2402	250	Filing a brief in support of an appeal																																																																																																																											
1403	1,000	2403	500	Request for oral hearing																																																																																																																											
1451	1,510	2451	1,510	Petition to institute a public use proceeding																																																																																																																											
1480	130	2480	130	Petitions to the Commissioner																																																																																																																											
1807	50	1807	50	Processing fee under 37 CFR 1.17(c)																																																																																																																											
1808	180	1808	180	Submission of Information Disclosure Stmt																																																																																																																											
1809	790	1809	395	Filing a submission after final rejection (37 CFR § 1.128(a))																																																																																																																											
1810	700	2810	395	For each additional invention to be examined (37 CFR § 1.128(b))																																																																																																																											
Other fee (specify) _____																																																																																																																															
SUBTOTAL (2) (\$)																																																																																																																															

*or number previously paid, if greater. For Reissues, see below

SUBMITTED BY		<i>Complete (if applicable)</i>	
Name (Print/Type)	William W. Schaal	Registration No. (Attorney/Agent)	39,018
Signature		Telephone	(714) 557-3800
		Date	02/04/05

Based on PTO/IS-17 (12/04) as modified by Blakely, Sokoloff, Taylor & Zafman (w/12/15/2004)
 SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Appl. No. 09/470,100
Amdt. Dated February 4, 2005
Reply to Office Action of November 4, 2004

RECEIVED
FEB 04 2005
USPTO

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application. No.	:	09/470,100	Confirmation No. 5774
Applicant	:	Yumiko Minikawa	
Filed	:	12/21/1999	
TC/A.U.	:	2614	
Examiner	:	James R. Sheleheda	
Docket No.	:	080398.P274	
Customer No.	:	8791	

Mail Stop AF
Commissioner for Patents
PO Box 1450
Alexandria VA 22313-1450

AMENDMENT

Sir:

In response to the Office Action of November 4, 2004, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.